# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Yelahanka Division
B.B.M.P. Bangalore - 64

## APPROVED SCHEDULE - B

| Name of work: Maintenance of Existing Borewells at yelahanka old town areas in ward No- 02 of yelahanka Sub Division. | | | | | |
|---|---|---|---|---|---|
| Sl. No. | Description | Unit | Approved Quantity | Rates | Technical Manager (West) KRIDL, BBMP, Rate in words |
| 1 | Lifting of Submersible Pump set **(P,56/I.10.3.21 RDED SR (2012-13)** | No | 7 | 850.00 | Rupees eight hundred fifty and paise zero only |
| 2 | Transportataion of pumping machineries **(P.46/I.10.3.19)RDED SR (2012-13)** | No | 7 | 900.00 | Rupees nine hundred and paise zero only |
| 3 | **A) Repairs to Motor:**Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. **RDED SR (2012-13)P NO.54/ I,NO.A)** | | | | |
| | a) -Do - above 3HP upto 5HP | No | 7 | 2500.00 | Rupees two thousand five hundred and paise zero only |
| | b) -Do - above 5HP upto 10HP | No | 7 | 3700.00 | Rupees three thousand seven hundred and paise zero only |
| | (Above 5HP upto 10HP add Rs.120/- for every 1/2 HP) | | | | |
| | **B) Replacement of Motor Parts:** | | | | |
| 4 | Above 5HP Stator (with one year Gurantee) **No.55/Ino.10.3.3C(2)RDED SR (2012-13)** | No | 6 | 5050.00 | Rupees five thousand fifty and paise zero only |
| 5 | Above 5HP Rotor (with one year Gurantee) **P.No.55/I .10.3.6C(2)RDED SR (2012-13)** | No | 6 | 4700.00 | Rupees four thousand seven hundred and paise zero only |
| 6 | Upper Flange **P.No.55/I No.10.3.7 RDED SR (2012-13)** | No | 6 | 350.00 | Rupees three hundred fifty and paise zero only |
| 7 | Lower Housing **P.No.56/I No.10.3.10 RDED SR (2012-13)** | No | 6 | 650.00 | Rupees six hundred fifty and paise zero only |
| 8 | Lower Flange **P.No.55/I No.10.3.8 RDED SR (2012-13)** | No | 6 | 350.00 | Rupees three hundred fifty and paise zero only |
| 9 | a) Carbon Housing **P.No.56/I No.10.3.12 RDED SR (2012-13)** | No | 6 | 475.00 | Rupees four hundred seventy five and paise zero only |
| 10 | b) Thrust bearing block assembly complete with Segment bearing pad **P.No.56/I No.10.3.13 RDED SR (2012-13)** | No | 6 | 1150.00 | Rupee one thousand one hundred fifty and paise zero only |
| 11 | c) Tip Carbon /Ferrodo pading **P.No.56/I No.10.3.14RDED SR (2012-13)** | No | 6 | 150.00 | Rupees one hundred fiffty and paise zero only |

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| 12 | Bearing (Gun metal )Centrifugal cast Aluminium Bronze, bearing bush **P.No.56/I No, RDED SR (2012-13)** | No | 6 | 400.00 | Rupees four hundred and paise zero only |
| 13 | Motor Base with pin **P.No. 56/ I No.10.3.18 RDED SR (2012-13)** | No | 6 | 475.00 | Rupees four hundred seventy five and paise zero only |
| 14 | Re-erection charges of pumping machineries including overhauling and painting **P.No.56/I No 10.3.20,RDED SR (2012-13)** | No | 6 | 950.00 | Rupees nine hundred fifty and paise zero only |
| 15 | Labour Charge (overhauling Motor only) **P.No.56/ I No.10.3.22 RDED SR (2012--13)** | No | 6 | 550.00 | Rupees five hundred fifty and paise zero only |
| 16 | C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls **P.No.54 / I No B1 RDED SR (2012-13)10.2.1** | No | 7 | 700.00 | Rupees seven hundred and paise zero only |
| 17 | Intermediate piece (I.P) with IP leaded bronze bush **P.No. 54/ I No.10.2.2B2 RDED SR (2012-13)** | No | 7 | 450.00 | Rupees four hundred fifty and paise zero only |
| 18 | Oil seal **P.No. 54/ I No.10.2.3 B3 RDED SR (2012-13)** | No | 7 | 125.00 | Rupees one hundred twenty five and paise zero only |
| 19 | Oil seal steel bush **P.No. 54/ I No.B410.2.4 RDED SR (2012-13)** | No | 6 | 150.00 | Rupees one hundred fifty and paise zero only |
| 20 | Guide vane Pno 54/I No B5 RDED (2012-13) 10.2.5 | No | 6 | 175.00 | Rupees one hundred seventy five and paise zero only |
| 21 | Impeller (shell moulded with aluminium and Bonze ) P No 39/ I no B6 RDED SR 2002-03 | No | 6 | 425.00 | Rupees four hundred twenty five and paise zero only |
| 22 | a) Discharge outlet (D.O) Bearing D.O Steel Bush **P.No. 54/ I No.10.2.6B7 RDED SR (2012-13)** | No | 6 | 445.00 | Rupees four hundred forty five and paise zero only |
| 23 | b)D.O Bearing **P.No. 54/ I No.B7 RDED SR (2012-13)10.2.7** | No | 6 | 285.00 | Rupees two hundred eighty five and paise zero only |
| 24 | Steel bush (D.O) steel bush ) **P.No. 54/ I No.10.2.9 B8 RDED SR (2012-13** | No | 6 | 150.00 | Rupees one hundred fifty and paise zero only |
| 25 | Allen Screw **P.No. 54/ I No.10.2.10 RDED SR (2012-13** | No | 6 | 25.00 | Rupees twenty five and paise zero only |
| 26 | Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P.No. 55/ I No.10.2.11 RDED SR (2012-13)** | No | 6 | 950.00 | Rupees nine hundred fifty and paise and paise zero only |
| 27 | Pump key (Stainless steel ) **P.No. 55/ I No.10.2.12 RDED SR (2012-13)** | No | 6 | 125.00 | Rupees one hundred twenty five and paise zero only |
| 28 | Pump coupling (stainless steel ) **P.No. 55/ I No.10.2.1312RDED SR (2012-13** | No | 6 | 250.00 | Rupees two hundred fifty and paise zero only |
| 29 | Non - Return valve (NRV) assembly complete with rubber 'O' Ring **P.No. 55/ I No10.2.14 RDED SR (2012-13)** | No | 6 | 1350.00 | Rupees one thousand three hundred fifty and paise zero only |
| 30 | Cabble guard **P.No. 55/ I No.10.2.15 RDED SR (2002-03)** | No | 6 | 150.00 | Rupees one hundred fifty and paise zero only |



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| No. | Description | Unit | Approved Quantity | Rates | Technical Manager (West) KRIDL, BBMP, Rate in words |
|---|---|---|---|---|---|
| 31 | Strainer **P.No. 40/ I No.15RDED SR (2012-13)** | No | 6 | 150.00 | Rupees one hundred fifty and paise zero only |
| 32 | Providing and fixing 50 mm dia heavy duty coller **SE RDED Approved rate** | No | 6 | 130.00 | Rupees one hundred thirty and paise zero only |
| 33 | KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 15-16 | Cum | | | |
| | for PVC pipe | | 729.00 | 283.02 | Rupees two hundred eighty three and paise two only |
| 34 | Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.12 item No.3.4.2 b PRED SR 2012-13** | Rmtr | | | |
| | 75 mm dia 6 KSC PVC pipe | | 900.00 | 157.00 | Rupees one hundred fifty seven and paise zero only |
| | 63mm dia 6 KSC | | 900.00 | 112.00 | Rupees one hundred twelve and paise zero only |
| 35 | Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 15-16 ) | cum | 729.00 | 76.32 | Rupees seventy six and paise thirty two only |
| 36 | Providing and constructing stand post of size 1.2m x 1.22m for public fountain with stone posts of size 0.45x1.22x0.10m with top rounded with holes of 25mm size with stone pot rest of 0.45x0.30x0.20m with central dip and kerb stone 8 cms thick 20cms wide alround with top rounded with cement concrete plat form 1:2:4 proportion 10cms thick and smooth finishing with cement mortor 1:3 to the exposed faces with necessary frame work and curing including two line dressing to all stones exposed and construction of lead off drains as per directions of departmental officers and necessary earthwork excavation and disposing off the excavated earth as directed with all leads and lifts etc complete. P 20 Item No 3.16 of PRED SR for 2012-13 | Each | 10.00 | 2788.21 | Rupees two thousand seven hundred eighty eight and paise twenty one only |

| NO. | Description | Unit | Approved Quantity | Rates | Technical Manager (West) KRIDL, BBMP, Rate in words |
|---|---|---|---|---|---|
| 37 | Cleaning of borewells including yeild testing of Borewell either using Slow or fast Rig for not more than 2 hours at the final depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification including the cost of consumbles etc complete P 49 Item no 9.5 of PRED SR 2012-13 | Each | 2.00 | 10431.84 | Rupees ten thousand four hundred thirty one and paise eighty four only |
| 38 | Logging/scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc. P 49 Item No 9.7 | Each | 2.00 | 1646.97 | Rupees one thousand six hundred forty six and paise ninty seven only |
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Signature of the Contractor

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KRIDL, BBMP, DIVISION,
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